| L<br>Number | Hits   | Search Text  | DB                              | Time stamp            |
|-------------|--------|--|---------------------------------|-----------------------|
| 1           | 1751   | 438/584.ccls. 438/603.ccls. 438/687.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/20<br>09:15   |
| 2           | 586    | (438/584.ccls. 438/603.ccls.<br>438/687.ccls.) and nitrogen  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/20<br>09:15   |
| 3           | 345    | ((438/584.ccls. 438/603.ccls.<br>438/687.ccls.) and nitrogen) and (ppm<br>concentration torr "partial pressure")                           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/20<br>09:16   |
| _           | 110080 | al adj2 alloy) (aluminum adj2 alloy) ("Al-Cu") ("aluminum copper"  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/20<br>09:13   |
| _           | 18974  | (al adj2 alloy) (aluminum adj2 alloy)<br>("Al-Cu") ("aluminum copper") and<br>nitrogen   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:32   |
| _           | 73915  | nitrogen adj2 atmosphere   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:32   |
|             | 3831   | (nitrogen adj2 atmosphere) and (al adj2 alloy) (aluminum adj2 alloy) ("Al-Cu") ("aluminum copper")   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:33   |
| _           | 1559   | ((nitrogen adj2 atmosphere) and (al adj2 alloy) (aluminum adj2 alloy) ("Al-Cu") ("aluminum copper")) and argon                             | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:33   |
| -           | 428    | control\$3 adj2 argon  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:33   |
| _           | 10     | ((nitrogen adj2 atmosphere) and (al adj2 alloy) (aluminum adj2 alloy) ("Al-Cu") ("aluminum copper")) and (control\$3 adj2 argon)           | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:35   |
| _           | 1      | (US-4597808-\$).did.   | USPAT                           | 2004/08/03<br>16:35   |
| _           | 1      | ((US-4597808-\$).did.) and copper  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:35   |
| _           | 42416  | "Al-Cu") ("aluminum copper") (aluminum adj2 copper   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:37   |
| _           | 4529   | ("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:37 _ |
| -           | 277    | (("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy) and (nitrogen adj2 atmosphere)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:37   |
| _           | 1      | (((("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy) and (nitrogen adj2 atmosphere)) and argon) and (control\$3 adj2 argon) | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/03<br>16:37   |
| -           | 521    | ((("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy) and (nitrogen adj2 atmosphere)) and argon                               | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/04<br>09:37   |
| _           | 173    | (((("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy) and (nitrogen adj2 atmosphere)) and argon) and ppm                     | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/04<br>09:38   |
| _           | 530    | ((("Al-Cu") ("aluminum copper") (aluminum adj2 copper) adj5 alloy) and (nitrogen adj2 atmosphere)) and argon                               | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/19<br>09:37   |
| _           | 2939   | sputter\$4 adj2 aluminum   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/19<br>13:49   |
| _           | 1033   | (sputter\$4 adj2 aluminum) and (n2 nitrogen)   | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/19<br>13:49   |
| _           | 262    | ((sputter\$4 adj2 aluminum) and (n2 nitrogen)) and ("partial pressure" ppm)  | USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/08/19<br>13:49   |

| - | 196 | (((sputter\$4 adj2 aluminum) and (n2                | USPAT;    | 2004/08/19 |
|---|-----|---|-----------|------------|
|   |     | nitrogen)) and ("partial pressure" ppm))            | US-PGPUB; | 13:50      |
|   | -   | and argon   | EPO; JPO  |            |
| - | 128 | ((((sputter\$4 adj2 aluminum) and (n2               | USPAT;    | 2004/08/19 |
|   |     | <pre>nitrogen)) and ("partial pressure" ppm))</pre> | US-PGPUB; | 13:50      |
|   | İ   | and argon) and (copper cu)                          | EPO; JPO  |            |